

## AGC/WSDOT Structures Team Meeting

March 29, 2002

9:00 AM –12:00 PM NWR Corson Avenue Facility

Attendees:	Company	Phone	E-mail
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The Jan 25, 2002 minutes were approved with no changes.

### Tacoma HOV Presentation

Rumina Suafoa and Mandy Aldrich of the Olympic Region presented to the group the I-5 SR 16 Tacoma HOV project currently under design. Rumina was seeking constructibility input from the members. Some of the highlights of this presentation:

- The project is 15 miles long, 10 miles on the I-5 and 5 miles on the SR16, for an approximate contract amount of 1.3 billion dollars.
- The project consists of tall walls up to 70' tall, 3 bridge demolitions with 2 bridges being replaced, and staged construction.

Highlights of feed back from the group:

- Walls must be either soil nailed or soldier piles. Consider pre-cast fascia panels. Access for the wall construction needs to be 20' wide.
- Shift the southbound lanes away from the work zone as much as possible.
- Close I-705 for an entire weekend for removal of bridges.
- Demo one bridge and merge I-705 with the southbound I-5 out of the work zone.
- Consider specifying the Oscillator for drilling shafts.

#### 1. Tension Controlled Bolts (Std. Specs. 6-03.3(33))

Use of tension controlled bolts may be included in the Specification by this summer.

## **2. Stay in Place Forms**

The State will allow use of concrete pre-cast deck panels but will not allow use of stay in place steel forms.

## **3. Self Compacting Concrete**

Millard Barney of the Concrete Technology discussed the CTC's latest experiments with this type of concrete.

Action Item: Millard will give a full presentation on this topic at the next scheduled meeting.

## **4. New Topics**

- Requiring use of maturity meters for cold weather concrete placement
- Constructability of the Lewis and Clark deck replacement
- Explore why there are inconsistencies for retaining wall design between the State and Local agencies
- Work to provide a better definition for structural shoring requirements near railroad tracks. What is near?

## **5. Next Meeting May 17, 2002, 9:00 AM Corson Ave. Facility**